

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

February 24, 1938

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.  
Gentlemen:

Place

Date

You are hereby notified that it is our intention to commence the drilling of a well to be known as \_\_\_\_\_

The Ohio Oil Company

State Staplin

Well No. 1 in SE 1/4 SW 1/4

Company or Operator of Sec. 30, T. 17 S, R. 35 E, N. M. P.M., Vacuum Lease Field, Lea County.

N.

The well is 660 feet (N.) (X) of the South line and 1980 feet (E.) (XX) of the West line of Sec. 30

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. \_\_\_\_\_, Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_

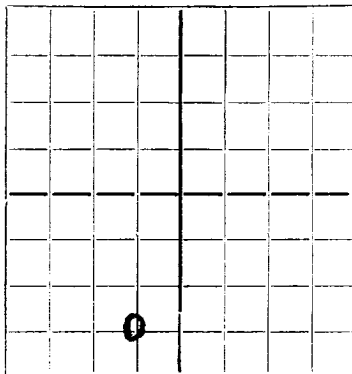
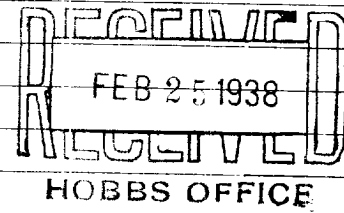
Address \_\_\_\_\_

If government land the permittee is \_\_\_\_\_

Address \_\_\_\_\_

The lessee is \_\_\_\_\_

Address \_\_\_\_\_



AREA 640 ACRES  
LOCATE WELL CORRECTLY  
Rotary Tools

We propose to drill well with drilling equipment as follows: \_\_\_\_\_

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: \_\_\_\_\_

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
11"	9 5/8"	36	New	500'	Cemented	300
8 1/4"	7"	24	"	4200'	"	800

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 4200-4700 feet.

Additional information:

Approved FEB 25 1938, 19\_\_\_\_\_  
except as follows:

Sincerely yours,

The Ohio Oil Company  
Company or Operator

By \_\_\_\_\_

Position \_\_\_\_\_ Supt

Send communication regarding well to

Name The Ohio Oil Company

Address Box 1607 Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By \_\_\_\_\_

Title Oil &amp; Gas Inspector

DUPLICATE

PHYSICS 551: QUANTUM MECHANICS

This course is a continuation of PHYSICS 451 and covers the topics of quantum mechanics, including wave functions, operators, and the Schrödinger equation.

Prerequisites: PHYSICS 451, MATH 351, and MATH 352.

Course Coordinator: Prof. J. J. Sakurai

The course is divided into two semesters, each lasting 15 weeks.

The first semester covers the topics of wave functions, operators, and the Schrödinger equation.

The second semester covers the topics of angular momentum, perturbation theory, and scattering theory.

The course is taught by Prof. J. J. Sakurai and Prof. R. N. Ziegler.

The course is open to students in the Department of Physics and the Department of Chemistry.

Students who have completed PHYSICS 451 and MATH 351 are eligible to enroll in the course.

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Students who have completed PHYSICS 451 and MATH 351 and MATH 352 and PHYSICS 551 and MATH 353 and PHYSICS 552 and MATH 354 and PHYSICS 553 and MATH 355 and PHYSICS 554 and MATH 356 are eligible to enroll in the course.

Students who have completed PHYSICS 451 and MATH 351 and MATH 352 and PHYSICS 551 and MATH 353 and PHYSICS 552 and MATH 354 and PHYSICS 553 and MATH 355 and PHYSICS 554 and MATH 356 and PHYSICS 555 are eligible to enroll in the course.

Students who have completed PHYSICS 451 and MATH 351 and MATH 352 and PHYSICS 551 and MATH 353 and PHYSICS 552 and MATH 354 and PHYSICS 553 and MATH 355 and PHYSICS 554 and MATH 356 and PHYSICS 555 and MATH 357 are eligible to enroll in the course.

Students who have completed PHYSICS 451 and MATH 351 and MATH 352 and PHYSICS 551 and MATH 353 and PHYSICS 552 and MATH 354 and PHYSICS 553 and MATH 355 and PHYSICS 554 and MATH 356 and PHYSICS 555 and MATH 357 and PHYSICS 556 are eligible to enroll in the course.

Students who have completed PHYSICS 451 and MATH 351 and MATH 352 and PHYSICS 551 and MATH 353 and PHYSICS 552 and MATH 354 and PHYSICS 553 and MATH 355 and PHYSICS 554 and MATH 356 and PHYSICS 555 and MATH 357 and PHYSICS 556 and MATH 358 are eligible to enroll in the course.

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